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(54) Title: DEPLETION OF PLASMA PROTEINS

(57) Abstract: This invention relates to methods of analysis, and in particular to methods for the preliminary fractionation of samples in which low abundance molecules of interest, for example proteins, polysaccharides or fatty acids, are present together with more abundant molecules of little or no interest. In particular, the invention relates to methods of depletion of high abundance proteins from biological samples. Products and kits for use in the method are also disclosed, and form part of the invention. In one aspect, the invention provides a method of depleting a high-abundance molecule from a biological sample, comprising the steps of a) subjecting the sample to affinity depletion using an affinity support with high affinity for a high abundance molecule, and/or b) immunodepletion using an affinity support coupled to an antibody directed against whole or previously fractionated plasma or serum.

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